

INTER-AGENCY PROPER USE TABLES  
for  
SOUTHERN IDAHO

March 1942

S8  
193.3  
I2  
P76  
1942

## GRASS AND GRASSLIKE PLANTS

Scientific Name	Common Name	Sym- bol	Spring- Fall		Winter		Summer		Season long	
			C&H	S&G	C&H	S&G	C&H	S&G	C&H	S&G
Agropyron cristatum	Crested wheatgrass	Acr	60	40	70	30	(40)	20	60	30
" dasystachyum	Thickspike "	Ada	60	40	70	60	60	40	65	50
" inerme	Beardless "	Ain	70	40	70	60	(60)	40	55	50
" pauciflorum	Slender "	Apa	60	40	-	-	60	40	60	40
" repens	Quackgrass	Are	60	30	-	-	60	30	60	30
" riparium	Streambank wheatgrass	Ari	60	40	70	60	60	40	60	40
* " smithi	Bluestem "	Asm	60	40	70	60	60	40	60	40
" spicatum	Bluebunch "	Asp	70	40	70	60	(60)	40	65	50
" subsecundum	Bearded "	Asu	60	40	-	-	60	40	60	40
" spp.	Wheatgrass	AGR	60	40	70	60	60	40	60	40
Agrostis alba	Redtop	Aal	70	50	-	-	70	50	70	50
" exarata	Spike redtop	Aex	70	60	-	-	70	60	70	60
" hiemalis	Ticklegrass	Ahi	60	40	-	-	50	40	55	40
" palustris	Creeping bent	Apl	70	50	-	-	80	60	75	55
" spp.	Bentgrass	AGO	70	50	-	-	70	50	70	50
Alopecurus pratensis	Shortawn foxtail	Apr	70	40	-	-	70	40	70	40
Aristida longiseta	Red three-awn	Alo	40	30	20	10	10	0	30	20
Arrhenatherum clatius	Tall oatgrass	Ael	60	30	-	-	60	30	60	30
Avena fatua	Wild oat	Afa	70	40	-	-	70	40	70	40
Beckmannia syzigachne	American sloughgrass	Bsy	50	30	-	-	50	30	50	30
Bromus anomalus	Nodding brome	Ban	60	50	-	-	60	50	60	50
" brizaeformis	Rattle "	Bbr	20	30	20	30	10	10	25	35
" carinatus (marginatus)	Mountain "	Bca	60	50	-	-	60	50	60	50
" inermis	Smooth "	Bin	80	50	80	50	80	50	80	50
" tectorum	Cheatgrass	Bte	(20)	30	20	30	(10)	10	20	30
" spp. (annual)	Annual brome	BRO-A	20	30	20	30	10	10	20	30
" spp. (perennial)	Perennial "	BRO-P	60	50	60	50	60	50	60	50
Calamagrostis										
" canadensis	Bluejoint reedgrass	Cca	40	20	-	-	40	20	40	20
" montanensis	Plains reedgrass	Cmo	40	20	30	10	40	20	35	20
" rubescens	Pinegrass	Cru	20	20	-	-	20	10	20	15
" spp.	Reedgrass	CAL	20	20	-	-	20	20	20	20
Carex filifolia	Threadleaf sedge	Cfi	70	70	-	-	70	70	70	70
" geyeri	Elk "	Cge	50	40	-	-	40	40	45	40
" nebraskensis	Nebraska "	Cne	70	50	70	50	70	30	70	50
" rostrata	Beaked "	Cro	70	50	70	50	70	50	70	50

\*Refers to plants which require further observation of proper use factors. Users of this table will please report their observations to the chairman of the Inter-Agency Committee.

NOTE: Where familiar names have changed due to use of International Nomenclature, the previously used name is shown in parenthesis under the approved name.







Scientific Name	Common Name	Sym- bol	Spring- Fall		Winter		Summer		Season Long	
			C&H	S&G	C&H	S&G	C&H	S&G	C&H	S&G
Carex spp.	Hillside sedge	CAR-D	50	40	40	40	40	30	40	40
" spp.	Meadow "	CAR-M	70	50	70	50	70	30	70	50
Cenchrus pauciflorus	Mat sandbur	Cpa	0	0	0	0	0	0	0	0
Dactylis glomerata	Orchard grass	Dgl	70	60	60	40	70	60	65	55
Danthonia californica	California danthonia	Dca	60	30	-	-	60	30	60	30
" unispicata	Onespike "	Dun	60	30	-	-	60	30	60	30
Deschampsia caespitosa	Tufted hairgrass	Dce	40	10	-	-	40	10	40	10
" danthonioides	Annual "	Dda	10	10	-	-	10	10	10	10
" elongata	Slender "	Del	50	20	-	-	50	20	50	20
" spp.	Hairgrass	DES	40	10	-	-	40	10	40	10
Distichlis dentata	Little saltgrass	Dde	40	20	40	30	30	20	40	20
" stricta	Inland "	Dst	40	20	40	30	30	20	40	20
Echinochloa crusgalli	Barnyardgrass	Ecr	60	30	-	-	60	30	60	30
*Eleocharis spp.	Spikesedge	ELE	70	50	40	20	40	20	50	30
Elymus condensatus	Giant wildrye	Eco	40	10	50	10	10	0	30	10
" flavescens	Yellow "	Efl	40	20	40	30	30	40	40	30
" glaucus	Blue "	Egl	40	10	-	-	40	20	40	10
" triticoides	Creeping "	Etr	60	40	60	40	60	40	60	40
" spp.	Wildrye	ELY	50	40	50	40	50	40	50	40
Eragrostis spp.	Lovegrass	ERA	30	30	20	10	20	20	20	20
Festuca elatior	Meadow fescue	Fel	70	50	-	-	70	50	70	50
" elatior										
" arundinacea	Reed fescue	Fea	70	50	-	-	70	50	70	50
" idahoensis	Idaho "	Fid	60	50	70	50	60	50	60	50
" ovina	Sheep "	Fov	60	50	-	-	60	50	60	50
" ovina										
" brachyphylla	Alpine "	Fob	60	50	-	-	60	50	60	50
" spp.	Annual "	FES-A	20	30	-	-	10	10	20	20
" spp.	Perennial fescue	FES-P	60	50	70	50	60	50	60	50
Glyceria spp.	Mannagrass	GLY	60	30	-	-	60	30	60	30
Hordeum jubatum	Foxtail barley	Hju	30	30	30	30	10	0	30	30
" nodosum	Meadow "	Hno	30	30	30	30	10	0	30	30
" spp.	Barley	HOR	30	20	30	30	10	0	30	30
Koeleria cristata	Junegrass	Ker	70	60	70	60	60	50	70	60
Lolium perenne	Perennial ryegrass	Lpe	60	30	-	-	60	30	60	30
Luzula spp.	Woodrush	LUZ-D	40	20	-	-	40	20	40	20
" spp. (Juncoides)	Woodrush	LUZ-W	40	20	-	-	40	20	40	20
Melica bulbosa	Oniongrass	Mbu	70	70	-	-	70	70	70	70
" spectabilis	Showy oniongrass	Msp	70	70	-	-	70	70	70	70
" spp.	Oniongrass	MEL	70	70	-	-	70	70	70	70
Muhlenbergia										
" filiformis	Pullup muhly	Mfi	40	20	-	-	40	20	40	20
Muhlenbergia montana	Mountain "	Mmo	40	20	40	20	30	10	35	20
" squarrosa	Mat "	Msq	40	20	40	20	30	10	35	20
" spp.	Muhly	MUH	40	20	40	20	30	10	35	20
Oryzopsis asperifolia	Roughleaf ricegrass	Oas	70	50	70	50	60	40	65	45
" hymenoides	Indian "	Ohy	70	50	70	50	40	20	65	45
" webberi	Webber "	Owe	70	60	70	60	60	50	70	60
" spp.	Ricegrass	ORY	70	50	70	50	40	20	65	45
Panicum capillare	Witchgrass	Pca	30	20	-	-	20	10	25	15

\*See Footnote Page 1







## GRASS AND GRASSLIKE PLANTS

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			Fall		C&H	S&G	C&H	S&G	C&H	S&G
Phalaris arundinacea	Reed canarygrass	Par	70	50	70	50	70	50	70	50
Phleum alpinum	Alpine timothy	Pal	-	-	-	-	70	60	70	60
" pratense	Timothy	Ppe	70	60	-	-	70	60	70	60
Poa ampla	Big bluegrass	Pam	70	60	60	40	(60)	20	60	40
" annua	Annual "	Pan	30	20	-	-	-	-	30	20
" bulbosa	Bulbous "	Pbu	70	60	-	-	20	30	60	50
" canbyi	Canby "	Pcn	70	60	60	40	60	20	60	40
" compressa	Canada "	Pco	80	60	-	-	80	60	80	60
" longiligula	Longtongue mutton									
	Bluegrass	Plo	70	60	60	40	60	20	60	40
" nevadensis	Nevada bluegrass	Pne	70	60	60	40	60	20	60	40
" pratensis	Kentucky "	Ppr	80	60	-	-	80	60	80	60
" secunda	Sandberg "	Pse	50	60	40	60	(20)	30	50	60
" spp.	Bluegrass	POA	70	60	60	40	60	30	60	40
Polypogon monspeliensis	Rabbitfoot polypogon	Pmo	20	20	10	10	10	10	20	10
Schedonnardus										
paniculatus	Tumblegrass	Spn	10	10	-	-	-	-	10	10
Scirpus spp.	Bulrush	SCI	0	0	0	0	0	0	0	0
Setaria viridis	Green bristlegrass	Svi	20	10	-	-	-	-	20	10
Sitanion hystrix	Bottlebrush									
	squirreltail	Shy	40	30	30	30	(10)	10	30	30
" jubatum	Big squirreltail	Sju	40	30	-	-	10	10	30	20
" spp.	Squirreltail	SIT	40	30	30	30	10	10	30	20
Spartina spp.	Cordgrass	SPA	40	30	-	-	40	30	40	30
Sporobolus airoides	Alkali sacaton	Sai	50	20	50	20	20	10	50	20
* " cryptandrus	Sand dropseed	Scr	60	40	60	40	40	20	60	40
Stipa columbiana	Subalpine needlegrass	Scl	60	40	-	-	60	40	60	40
" comata	Needleandthread	Sco	60	60	50	60	50	20	60	50
" lettermani	Letterman needlegrass	Sle	60	40	-	-	60	40	60	40
" Spp.	Needlegrass	STI	60	40	50	60	(60)	40	60	40
Triglochin maritima	Shore podgrass									
	(Seaside arrowgrass)	Tma	P	P	P	P	P	P	P	P
Trisetum spicatum	Spiked trisetum	Tsp	60	40	-	-	50	30	60	40
" wolfi	Wolfs trisetum	Two	60	40	-	-	60	40	60	40
Typha spp.	Cattail	TYP	0	0	0	0	0	0	0	0

## WEEDS

Abronia spp.	Sandverbena	ABR	0	0	-	-	0	0	0	0
Achillea lanulosa	Western yarrow	Ala	30	40	-	-	20	30	30	40
Aconitum spp.	Monkshood	ACO	0	30	-	-	10	30	10	30
Actinea spp.	Rubberweed	ACT	0	0	0	0	0	0	0	0
Adenocaulon bicolor	Adenocaulon	Abi	0	0	0	0	0	0	0	0
Adenostegia ramosa	Plumeweed	Ara	0	0	0	0	0	0	0	0
Agastache urticifolia	Nettleleaf horsemint	Aur	50	70	0	0	50	70	50	70
Agoseris glauca	Smooth Mt.dandelion	Aga	-	-	-	-	60	70	60	70
" taraxacifolia	False Mt.dandelion	Ata	30	60	-	-	-	-	30	60
" spp.	" dandelion	AGS	30	60	-	-	30	60	30	60

\*See Footnote Page 1





Scientific Name	Common Name	Sym- bol	Spring-		Winter		Summer		Season	
			Fall						long	
			C&H	S&G	C&H	S&G	C&H	S&G	C&H	S&G
Allium acuminatum	Wild onion	Aac	50	70	-	-	-	-	50	70
" spp.	Wild "	ALL	50	70	-	-	-	-	50	70
Amaranthus spp.	Pigweed	AMA	0	0	0	0	0	0	0	0
Amsinckia spp.	Fiddleneck	AMS	0	0	0	0	0	0	0	0
Anaphalis spp.	Everlasting	ANA	0	0	-	-	0	0	0	0
Anemone spp.	Windflower	ANE	0	10	-	-	0	0	0	10
Angelica lyalli	Lyall angelica	Aly	60	70	-	-	60	70	60	70
* " wheeleri	Wheeler "	Awh	40	50	0	0	20	50	30	50
Annuals (unidentified)	Annuals	ANN	10	20	0	0	10	20	10	20
Antennaria spp.	Pussytoes	ANT	0	0	0	0	0	0	0	0
Anthemis arvensis	Field camomile	Aar	0	0	-	-	0	0	0	0
" cotula	Mayweed "									
	(Dogfennel)	Acu	0	0	0	0	0	0	0	0
Aplopappus spp.	Goldenweed	APL	0	0	0	0	0	0	0	0
Apocynum spp.	Dogbane	APC	0	0	0	0	0	0	0	0
Aquilegia coerulea	Colorado columbine	Ace	20	30	-	-	-	-	20	30
" flavescens	Yellow "	Afl	20	30	-	-	20	30	20	30
" formosa	Sitka "	Afo	20	30	-	-	20	30	20	30
" spp.	Columbine	AQU	20	30	-	-	20	30	20	30
Arabis spp.	Rockcress	ARA	10	20	-	-	10	20	10	20
Aralia nudicaulis	Wild sarsaparilla	Anu	0	0	-	-	0	0	0	0
Arctium spp.	Burdock	ARC	0	0	-	-	0	0	0	0
Arenaria spp.	Sandwort	ARE	0	0	0	0	0	0	0	0
Arnica cordifolia	Heartleaf arnica	Acd	0	0	0	0	0	0	0	0
" spp.	Arnica	ARN	0	0	0	0	0	0	0	0
Artemisia absinthium	Wormwood	Aab	0	10	-	-	0	0	0	10
" dracunculoides	Falsetarragon	Adr	10	30	-	-	0	0	10	30
" frigida	Fringed sagebrush	Afr	20	30	0	0	0	10	20	30
" gnaphalodes	Cudweed "	Agn	10	30	0	0	0	10	10	30
Asarum caudatum	Wildginger	Aca	0	0	-	-	-	-	0	0
Asclepias mexicana	Mexican milkweed	Amx	0	0	-	-	-	-	0	0
" speciosa	Showy "	Ase	0	0	-	-	-	-	0	0
" spp.	Milkweed	ASC	P	P	P	P	P	P	P	P
Aster conspicuus	Showy aster	Acn	10	20	-	-	10	20	10	20
" englemanni	Englemann aster	Asn	20	40	0	0	20	40	20	40
" spp.	Aster	ASS	10	10	0	0	10	20	10	10
*Astragalus stenophyllus	Astragalus	Ast	50	70	-	-	-	-	50	70
" spp.	Loco	ASR	0	0	-	-	0	10	0	10
Atriplex hortensis	Garden orach	Aho	10	20	-	-	0	0	10	20
" patula	Fat-hen saltbush	Apt	10	20	-	-	0	0	10	20
" patula hastata	Spearleaf "	Ahs	10	20	10	20	0	0	10	20
" rosea	Tumbling orach	Arc	10	20	-	-	0	0	10	20
" spp.	Saltbush	ATR	10	20	-	-	0	0	10	20
Balsamorhiza hirsuta	Hairy balsamroot	Bhi	10	20	-	-	10	20	10	20
" macrophylla	Cutleaf "	Bma	20	30	-	-	20	30	20	30
" sagittata	Arrowleaf "	Bsa	40	60	-	-	20	40	30	50
" hookeri	Hooker "	Bho	30	50	-	-	20	30	25	40
" spp.	Balsamroot	BAL	20	30	30	40	20	50	20	40
Bassia hyssopifolia	Fivehook bassia	Bhy	10	40	10	40	-	-	10	40

\*See Footnote Page 1







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			C&H	S&G	C&H	S&G	C&H	S&G	C&H	S&G
<i>Bidens cernua</i>	Nodding beggarticks	Bce	0	0	-	-	0	0	0	0
" <i>vulgata</i>	Tall "	Bvu	0	0	-	-	0	0	0	0
<i>Brassica</i> spp.	Mustard (Rape)	BRA	20	30	-	-	10	10	20	30
<i>Brodiaea douglasi</i>	Douglas brodiaea	Bdo	0	0	-	-	-	-	0	0
<i>Calochortus elegans</i>	Northwestern mariposa	Cel	0	10	-	-	0	10	0	10
" <i>macrocarpus</i>	Mariposa lily	Cmc	0	10	-	-	0	10	0	10
" <i>nitidus</i>	Broadfruit mariposa	Cni	0	10	-	-	0	10	0	10
" <i>nuttalli</i>	Sego-lily	Cnt	0	10	-	-	0	10	0	10
" spp.	Mariposa	CAO	0	10	0	0	0	10	0	10
<i>Caltha leptosepala</i>	Marshmarigold	Clp	0	10	-	-	0	10	0	10
<i>Camassia quamash</i>	Camas	Cqu	0	10	-	-	-	-	0	10
<i>Capsella bursa-pastoris</i>	Shepherdspurse	Cbu	0	10	-	-	0	10	0	10
<i>Castilleja</i> spp.	Paintedcup (Indian paintbrush)	CAS	20	20	0	0	20	20	20	20
<i>Caulanthus</i> spp.	Wildcabbage	CAU	10	20	-	-	10	20	10	20
<i>Chaenactis</i> spp.	False yarrow	CHA	0	0	0	0	0	0	0	0
<i>Chenopodium</i> spp.	Goosefoot	CHE	10	30	10	30	10	20	10	30
<i>Chrysanthemum</i> <i>leucanthemum</i>	Oxeyedaisy	Cle	0	0	-	-	-	-	0	0
<i>Chrysopsis</i> spp.	Goldaster	CHY	10	20	5	30	10	20	10	20
<i>Cichorium intybus</i>	Chicory	Cin	0	0	-	-	0	0	0	0
<i>Cicuta vagans</i>	Tubar waterhemlock	Cva	P	P	P	P	P	P	P	P
<i>Cirsium arvense</i>	Canada thistle	Cav	0	0	0	0	0	0	0	0
" spp.	Thistle	CIR	10	0	0	0	5	5	5	5
<i>Clarkia</i> spp.	Clarkia	CLA	10	20	-	-	0	0	10	20
<i>Claytonia lanceolata</i>	Lanceleaf springbeauty	Cln	0	20	0	0	0	0	0	20
" <i>perfoliata</i>	Minerslettuce	Cpe	0	0	-	-	0	0	0	0
<i>Clematis douglasi</i>	Douglas clematis	Cdg	0	10	-	-	0	0	0	10
<i>Cleome lutea</i>	Yellow spiderflower	Clu	10	10	10	10	10	10	10	10
" <i>serrulata</i>	Bee "	Cse	10	10	10	10	10	10	10	10
<i>Collinsia</i> spp.	Collinsia	COL	0	0	0	0	0	0	0	0
<i>Comandra umbellata</i>	Comandra	Cpa	10	20	-	-	0	0	10	20
<i>Convolvulus</i> spp.	Glorybind	CON	0	30	-	-	0	0	0	30
<i>Coreopsis atkinsoniana</i>	Atkinson coreopsis	Cat	0	0	-	-	0	0	0	0
<i>Cornus canadensis</i>	Bunchberry dogwood	Cca	0	0	-	-	0	0	0	0
<i>Corydalis</i> spp.	Corydalis	COR	0	0	-	-	0	0	0	0
<i>Crepis acuminata</i>	Tapertip hawks beard	Cac	20	40	-	-	20	40	20	40
" spp.	Hawksbeard	CRE	20	40	-	-	20	40	20	40
<i>Cryptantha</i> spp.	Cryptantha	CRY	0	0	0	0	0	0	0	0
* <i>Cymopterus</i> spp.	Chimaya	CYM	-	-	-	-	-	-	-	-
<i>Cynoglossum officinale</i>	Houndstongue	Cof	0	0	0	0	0	0	0	0
<i>Delphinium barbeyi</i>	Tall larkspur	Dba	P	60	-	-	P	60	P	60
" <i>bicolor</i>	Low "	Dbi	P	30	-	-	P	30	P	30
" spp.	Larkspur	DEL	P	30	0	0	P	30	P	30
<i>Descurainia incisa</i> (Sophia)	Western tansymustard	Din	10	30	-	-	10	10	10	20
" spp.	Tansymustard	DEC	10	30	-	-	10	10	10	20
<i>Dipsacus sylvestris</i>	Teasel	Dsy	0	0	0	0	0	0	0	0
<i>Disporum trachycarpum</i>	Fairybells	Dtr	0	0	0	0	0	0	0	0
<i>Dodecatheon</i> spp.	Shootingstar	DOD	0	0	0	0	0	0	0	0







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			Fall	S&G	C&H	S&G	C&H	S&G	C&H	S&G
Draba spp.	Whitlowwort	DRA	0	10	-	-	-	-	0	10
*Epilobium angustifolium	Fireweed	Ean	30	70	-	-	30	70	30	70
Epilobium spp.	Willow weed	EPI	10	20	-	-	0	20	10	20
Equisetum spp.	Horsetail	EQU	0	0	0	0	0	0	0	0
Erigeron spp.	Fleabane	ERI	10	20	-	-	10	10	10	20
Eriogonum spp.	Eriogonum	ERO	0	10	-	-	0	10	0	10
Eriophyllum spp.	Eriophyllum	ERP	0	0	-	-	0	0	0	0
Erodium cicutarium	Alfileria	Eci	70	80	-	-	10	40	70	80
Erysimum spp.	Erysimum	ERY	10	20	-	-	10	20	10	20
Erythronium pallidum	Dogtooth violet	Epa	0	0	0	0	0	0	0	0
Euphorbia albertmarginata	Whitemargin	Eal	0	0	0	0	0	0	0	0
" annuals spp.	Annual euphorbia	EUP-A	0	0	-	-	0	0	0	0
Felix fragilis	Brittle fern	Ffr	0	0	-	-	0	0	0	0
Fragaria spp.	Strawberry	FRG	10	20	-	-	10	20	10	20
Frasera spp.	Frasera (Elkweed)	FRA	10	20	-	-	5	20	10	20
Fritillaria pudica	Yellow fritillary	Fpu	0	0	0	0	0	0	0	0
Gaillardia aristata	Gaillardia (Yellowbell)	Gar	0	20	-	-	-	-	0	20
Galium spp.	Bedstraw	GAL	0	0	0	0	0	0	0	0
Gaura coccinea	Guara	Ceo	0	0	-	-	0	0	0	0
Gayophytum ramosissimum	Kitchenweed	Gra	0	0	0	0	0	0	0	0
Gentiana spp.	Gentian	GEN	10	20	0	0	0	0	10	20
Geranium richardsoni	Richardson geranium	Gri	20	40	-	-	20	40	20	40
" viscosissimum	Sticky "	Gvi	40	50	0	0	20	40	40	50
" spp.	Geranium	GER	30	50	0	0	20	40	30	50
Geum spp.	Avens	GEU	0	0	0	0	0	0	0	0
Gilia spp.	Gilia	GIL	0	0	0	0	0	20	0	20
Glycyrrhiza lepidota	American licorice	Gle	0	10	-	-	0	10	0	10
Gnaphalium spp.	Cudweed	GNA	0	0	0	0	0	0	0	0
Grindelia spp.	Cumweed	GRI	0	0	0	0	0	0	0	0
Hedysarum spp.	Sweetvetch	HED	30	50	-	-	40	60	40	60
Helenium montanum	Mountain sneezeweed	Hmo	0	0	-	-	0	0	0	0
" hoopesii	Orange "	Hho	P	P	0	0	0	10	0	10
Helianthella douglasi	Douglas helianthella	Hdo	20	40	-	-	10	40	20	40
" uniflora	Oneflower "	Hui	20	40	-	-	10	40	20	40
Helianthus annuus	Common sunflower	Han	0	0	0	0	0	0	0	0
Heracleum lanatum	Cowparsnip	Hln	70	70	0	0	70	70	70	70
Heuchera spp.	Alumroot	HEU	0	0	0	0	0	0	0	0
Hydrophyllum capitatum	Ballhead waterleaf	Hem	20	50	-	-	20	20	20	40
Hypericum perforatum	St. Johnswort	Hpe	0	0	0	0	0	0	0	0
Iris missouriensis	Rocky Mt. iris	Imi	0	0	0	0	0	0	0	0
Iva axillaris	Silver povertyweed	Iax	0	0	0	0	0	0	0	0
Iva xanthifolia	Povertyweed	Ixa	0	0	0	0	0	0	0	0
Ivesia utahensis	Utah ivesia	Iut	0	0	0	0	0	0	0	0
Kochia vestita	Gray summercypress	Kve	20	20	10	20	10	30	20	30
Lactuca spp.	China lettuce	LAC	50	60	-	-	50	60	50	60
Lappula spp.	Sticksseed	LAP	0	0	0	0	0	0	0	0
Lathyrus bijugatus	Sandberg peavine	Lbi	40	50	-	-	10	10	20	30
" spp.	Peavine	LAT	40	50	-	-	20	30	30	40
Lepidium spp.	Pepperweed	LEP	40	50	0	0	0	0	40	60
Leptotaenia multifida	Carrotleaf	Lmu	40	60	-	-	20	40	30	50
Lesquerella spp.	Bladderpod	LES	0	0	-	-	0	0	0	0







Scientific Name	Common Name	Sym- bol	Spr.		Fall		Winter		Summer		Season long	
			C&H	S&G	C&H	S&G	C&H	S&G	C&H	S&G	C&H	S&G
Ligusticum spp.	Ligusticum	LIG	60	70	0	0	40	50	50	60		
Linum lewisii	Lewis flax	Lle	10	20	-	-	0	10	10	20		
Lithophragma spp.	Woodlandstar	LIT	0	10	0	0	0	10	0	10		
Lithospermum ruderale	Wayside gromwell	Lru	0	0	-	-	0	0	0	0		
Lomatium spp. (cogswellia)	Lomatium	LOM	40	70	-	-	-	-	40	70		
Lotus spp.	Deervetch	LOT	50	60	-	-	20	40	30	50		
*Lupinus spp. (silver)	Lupine	LUP-S	10	20	-	-	10	20	10	20		
* " spp. (green)	Lupine	LUP-G	20	40	-	-	20	40	10	20		
Lygodesmia spinosa	Thorn skeleton plant	Lsi	0	0	-	-	0	0	0	0		
Madia spp.	Tarweed	MAD	0	0	0	0	0	0	0	0		
Malva rotundifolia	Running mallow	Mro	0	10	-	-	0	0	0	10		
Marrubium vulgare	Hoarhound	Mvu	0	0	0	0	0	0	0	0		
Matricaria matricaroides	Pineappleweed	Mma	0	0	-	-	-	-	0	0		
Medicago lupulina	Black medic	MLu	70	70	-	-	70	70	70	70		
" sativa	Alfalfa	Msa	80	80	80	80	80	80	80	80		
Melilotus alba	White sweetclover	Mal	50	40	-	-	60	60	60	50		
" officinalis	Yellow "	Mof	50	40	-	-	60	60	60	40		
" spp.	Sweetclover	MEI	50	40	30	20	60	60	40	30		
Mentha spp.	Mint	MEN	10	20	0	0	10	20	10	20		
Mentzelia spp.	Mentzelia	MEZ	0	0	0	0	0	0	0	0		
Mertensia ciliata	Mountain bluebell	Mcl	40	60	-	-	-	-	20	30		
" longiflora	Small "	Mlo	20	40	-	-	-	-	10	20		
Mimulus spp.	Monkeyflower	MIM	0	0	0	0	0	0	0	0		
Mitella pentandra	Five-stamen miterwort	Mpt	0	0	-	-	-	-	0	0		
Monarda fistulosa	Horsemint	Mft	10	40	-	-	-	-	10	40		
" monticola	Horsemint	Mme	0	0	-	-	10	10	10	10		
Monolepis nuttalliana	Nuttall monolepis	Mnu	10	20	0	0	0	0	10	20		
Montia linearis	Indian lettuce	Mli	10	20	-	-	-	-	10	20		
Nicotiana attenuata	Coyote tobacco	Nat	0	0	0	0	0	0	0	0		
Oenothera pallida	Pale evening primrose	Opa	10	20	0	0	10	20	10	20		
" spp.	Evening "	OEN	10	20	0	0	-	-	10	20		
Orthocarpus spp.	Orchard	ORT	0	0	0	0	0	0	0	0		
Osmorrhiza spp.	Sweetroot	OSM	50	70	-	-	50	70	50	70		
Oxyria digyna	Alpine mountain- sorrell	Odg	0	0	0	0	0	0	0	0		
Pedicularis spp.	Pedicularis (elephanthead)	PED	10	20	-	-	0	0	10	20		
Penstemon speciosus	Royal penstemon	Psp	40	60	-	-	40	60	40	60		
" spp.	Penstemon	PEN	10	20	0	0	0	10	10	20		
Perideridia gairdneri (carum)	Yampa	Pge	80	80	-	-	-	-	80	80		
Phacelia spp.	Phacelia	PHA	20	30	-	-	10	20	20	30		
*Phlox canescens	Hoary phlox	Pcs	0	60	20	25	10	10	20	50		
" multiflora	Flowery phlox	Pmu	0	60	-	-	-	-	0	60		
" spp.	Phlox	PHL	10	20	20	20	10	10	10	20		
Physaria spp.	Twinpod	PHY	0	0	0	0	0	5	0	5		
Plantago spp.	Plantain	PLA	0	0	0	0	0	0	0	0		
Polemonium spp.	Polemonium	POL	0	30	-	-	0	20	0	20		
Polygonum spp.	Knotweed	POY	0	10	0	0	0	10	0	10		
Potentilla spp.	Cinquefoil	POT	0	10	-	-	0	10	0	10		
Psoralea lanceolata	Lemon scurfspea	Pla	0	10	-	-	0	0	0	10		
" stenostachya	Scurfspea	Pst	0	0	0	0	0	0	0	0		







Scientific Name	Common Name	Sym- bol	Spring- Fall		Winter		Summer		Season long	
			C&H	S&G	C&H	S&G	C&H	S&G	C&H	S&G
<i>Pteridium aquilinum</i>	Bracken	Paq	0	0	0	0	0	0	0	0
<i>Pyrola</i> spp.	Pyrola	PYR	0	0	0	0	0	0	0	0
<i>Ranunculus</i> spp.	Buttercup	RAN	20	30	0	0	10	20	20	30
<i>Rudbeckia</i> spp.	Niggerhead	RUD	10	30	0	0	10	10	10	30
<i>Rumex</i> spp.	Dock	RUM	10	20	0	0	10	20	10	20
<i>Salicornia rubra</i>	Rocky Mt. glasswort	Sru	0	0	0	0	0	0	0	0
<i>Salsola tenuifolia</i>	Russian thistle	Ste	30	30	20	20	0	0	20	20
<i>Saxifraga arguta</i>	Brook saxifrage	Sar	10	20	-	-	10	20	10	20
" spp.	Saxifrage	SAX	0	0	0	0	0	0	0	0
<i>Scrophularia</i> spp.	Figwort	SCR	0	0	0	0	0	0	0	0
<i>Sedum</i> spp.	Stonecrop	SED	0	10	0	0	0	10	0	10
<i>Selaginella</i> spp.	Selaginella	SEL	0	0	0	0	0	0	0	0
<i>Senecio columbianus</i>	Columbia groundsel	Scu	10	50	-	-	10	50	10	50
" serra	Butterweed	Sse	70	70	-	-	20	60	50	70
" triangularis	Arrowleaf groundsel	Str	30	50	-	-	30	50	30	50
" spp.	Groundsel	SEN	20	30	-	-	20	30	20	30
<i>Sidalcea</i> spp.	Checker mallow	SID	10	20	-	-	10	20	10	20
<i>Sieversia ciliata</i>	Oldmans whiskers	Sci	0	10	-	-	0	10	0	10
<i>Silene</i> spp.	Silene	SIL	0	0	0	0	0	0	0	0
<i>Sisymbrium altissimum</i>	Tumblemustard	Sal	10	30	-	-	0	0	10	30
<i>Sisyrinchium</i> spp.	Blue-eyedgrass	SIY	0	0	-	-	0	0	0	0
<i>Smilacina</i> spp.	False solomonseal	SMI	0	0	-	-	0	0	0	0
<i>Solidago</i> spp.	Goldenrod	SOL	0	10	0	0	0	10	0	10
<i>Sphaeralcea</i> spp.	Globe-mallow	SPH	10	70	-	-	10	70	10	70
<i>Stellaria media</i>	Chickweed	Sme	10	10	-	-	0	0	10	10
" jamesiana	Tubor starwort	Sja	20	40	-	-	20	40	20	40
<i>Suaeda</i> spp.	Seepweed	SUA	10	20	-	-	-	-	10	20
<i>Synthyris rubra</i>	Red kittentails	Srb	0	0	0	0	0	0	0	0
<i>Taraxacum officinale</i>	Dandelion	Tot	60	70	-	-	60	70	60	70
<i>Thalictrum</i> spp.	Meadowrue	THA	0	10	0	0	0	10	0	10
<i>Thermopsis montana</i>	Mountain thermopsis	Tmo	0	10	0	0	0	10	0	10
<i>Thlaspi arvense</i>	Field pennycress	Tar	0	10	-	-	-	-	0	10
" glaucum	Blue "	Tgl	0	10	0	0	0	0	0	10
<i>Tragopogon porrifolius</i>	Oyster salsify	Tpo	20	40	-	-	0	0	20	40
" pratensis	Meadow "	Tpt	20	40	-	-	0	0	20	40
<i>Tribulus terrestris</i>	Puncturevine	Tte	0	0	0	0	0	0	0	0
<i>Trifolium fragiferum</i>	Strawberry clover	Tfr	80	80	-	-	80	80	80	80
" latifolium	Twin "	Tla	80	80	-	-	80	80	80	80
" microcephalum	Littlehead "	Tmc	80	80	-	-	80	80	80	80
" pratense	Red "	Tpr	80	80	-	-	80	80	80	80
" repens	White "	Tre	80	80	-	-	80	80	80	80
" spp.	Clover	TRF	30	80	-	-	30	80	30	80
<i>Urtica</i> spp.	Nettle	URT	20	10	-	-	20	10	20	10
<i>Valeriana</i> spp.	Valerian	VAL	10	30	-	-	10	30	10	30
<i>Veratrum californicum</i>	California falsehellebore	Vca	20	40	0	0	20	40	20	40
" viride	Am. falsehellebore	Vvi	10	20	-	-	-	-	10	20
<i>Verbascum blattaria</i>	Moth mullein	Vbl	0	0	-	-	0	0	0	0
" thapsus	Flannel "	Vth	0	0	0	0	0	0	0	0
<i>Verbena bracteata</i>	Bigbract verbena	Vbr	0	0	-	-	0	0	0	0
" hastata	Blue "	Vha	0	0	-	-	0	0	0	0







Scientific Name	Common Name	Sym- bol	Spring- Fall		Winter		Summer		Season long	
			C&H	S&G	C&H	S&G	C&H	S&G	C&H	S&G
<i>Veronica americana</i>	Am. speedwell	Vae	10	20	-	-	10	20	10	20
" spp.(dryland)	Speedwell	VEO	0	0	0	0	0	0	0	0
<i>Vicia americana</i>	American vetch	Vam	60	60	-	-	40	50	50	60
" villosa	Hairy "	Vvl	60	60	-	-	40	50	50	60
" spp.	Vetch	VIC	60	60	0	0	40	50	50	60
<i>Viguiera multiflora</i>	Showy goldeneye	Vmu	10	30	0	20	10	30	10	30
<i>Viola</i> spp.	Violet	VIO	10	20	-	-	10	20	10	20
<i>Wyethia amplexicaulis</i>	Mulesears wyethia	Wam	10	30	-	-	0	0	10	30
" helianthoides	Whitethread "	Whe	10	20	-	-	0	0	10	20
<i>Xanthium</i> spp.	Cocklebur	XAN	0	0	0	0	0	0	0	0
<i>Xerophyllum tenax</i>	Beargrass	Xte	0	0	0	0	0	0	0	0
<i>Zigadenus elegans</i>	Mountain deathcamas	Zel	P	P	-	-	-	-	P	P
" gramineus	Grassy "	Zgr	P	P	-	-	-	-	P	P
" paniculatus	Foothill "	Cpa	P	P	-	-	-	-	P	P
" venenosus	Meadow "	Zve	P	P	-	-	-	-	P	P
" spp.	Deathcamas	ZIG	P	P	-	-	-	-	P	P

TREES AND SHRUBS

<i>Abies grandis</i>	Grand fir	Agr	0	0	-	-	0	0	0	0
" lasiocarpa	Alpine "	Als	0	0	-	-	0	0	0	0
<i>Acer glabrum</i>	Rocky Mt. maple	Agl	10	20	-	-	10	20	10	20
" grandidentatum	Bigtooth maple	Agr	10	10	-	-	10	20	10	20
" spp.	Maple	ACE	10	10	0	0	10	10	10	10
<i>Alnus tenuifolia</i>	Thinleaf alder	Ato	0	10	-	-	0	10	0	10
<i>Amelanchier alnifolia</i>	Saskatoon serviceberry	Aan	20	30	-	-	20	30	20	30
" florida	Pacific "	Afi	20	30	-	-	20	30	20	30
" spp.	Serviceberry	AME	20	30	-	-	20	30	20	30
<i>Arctostaphylos uva-ursi</i>	Bearberry	Auu	0	0	0	0	0	0	0	0
<i>Artemisia arbuscula</i>	Silverking sagebrush	Aau	0	10	0	10	0	0	0	10
" cana	Silver "	Ana	0	10	10	20	0	0	0	10
" filifolia	Sand "	Aff	0	10	0	10	0	0	0	10
" nova	Black "	Ano	10	30	20	50	0	0	10	30
" rigida	Stiff "	Arg	0	0	0	0	0	0	0	0
" spinescens	Bud "	Asi	10	20	10	70	0	0	10	50
" tridentata	Big "	Atr	0	5	10	20	0	0	0	5
" tripartita	Threetip "	Ati	0	5	10	20	0	0	10	20
* <i>Atriplex canescens</i>	Four winged saltbush	Acs	10	40	75	75	0	0	20	50
" confertifolia	Shadscale	Acf	10	30	10	50	0	0	10	40
" gardneri	Gardner saltbush	Ang	10	40	30	60	0	0	20	50
" spp.	Saltbush	ATI	10	40	30	60	0	0	20	50
<i>Betula fontinalis</i>	Water birch	Bfo	0	10	-	-	0	10	0	10
<i>Ceanothus velutinus</i>	Snowbrush ceanothus	Cve	0	0	0	0	0	0	0	0
<i>Celtis douglasi</i>	Douglas hackberry	Cdo	0	0	0	0	0	0	0	0
<i>Cercocarpus ledifolius</i>	Littleleaf Mt. mahogany	Clo	10	20	-	-	10	20	10	20
<i>Chrysothamnus lanceolatus</i>	Lanceleaf rabbitbrush	Chl	0	20	10	20	0	0	10	20







Scientific Name	Common Name	Sym- bol	Spring-		Winter		Summer		Season long	
			Fall	S&G	C&H	S&G	C&H	S&G	C&H	S&G
<i>Chrysothamnus</i> nauseosus	Rubber rabbitbrush	Cnu	10	40	0	0	10	40	10	40
<i>Chrysothamnus</i> viscidiflorus	Douglas "	Cvi	10	20	5	10	0	0	10	20
<i>Chrysothamnus</i> spp.	Rabbitbrush	CHR	10	10	10	20	0	0	10	20
<i>Clematis ligusticifolia</i>	Western virginsbower	Cli	0	10	-	-	0	10	0	10
<i>Cornus stolonifera</i>	Redosier dogwood	Cst	0	10	0	0	10	10	10	10
<i>Cowania</i> spp.	Cliffrose	COW	50	60	-	-	50	60	50	60
<i>Crataegus douglasi</i>	Douglas hawthorn	Cdu	0	5	-	-	0	5	0	5
<i>Ephedra viridis</i>	Green ephedra	Evi	0	10	0	20	0	0	0	20
<i>Eurotia lanata</i>	Common winterfat	Ela	30	50	70	60	50	50	50	50
<i>Grayia spinosa</i>	Spiny hopsage	Gsp	5	10	20	40	0	10	20	40
<i>Gutierrezia sarothrae</i>	Broom snakeweed	Gsa	0	20	0	20	0	0	0	20
<i>Holodiscus discolor</i>	Oceanspray	Hdi	10	10	-	-	10	10	10	10
<i>Juniperus communis</i>	Common juniper	Jco	0	0	0	0	0	0	0	0
" occidentalis	Sierra "	Joc	0	0	0	0	0	0	0	0
" scopulorum	Rocky Mt. "	Jsc	0	0	0	0	0	0	0	0
" utahensis	Utah "	Jut	0	0	0	0	0	0	0	0
" spp.	Juniper	JUN	0	0	0	0	0	0	0	0
<i>Ledum glandulosum</i>	Smooth labradortea	Lgl	0	0	0	0	0	0	0	0
<i>Linnaea borealis</i>	Am. twinflower	Lbo	0	0	0	0	0	0	0	0
<i>Lonicera involucrata</i>	Bearberry honeysuckle	Lin	0	10	0	0	0	10	0	10
" spp.	Honeysuckle	LON	0	10	0	0	0	10	0	10
<i>Lycium halimifolium</i>	Matrimonyvine	Lha	0	0	0	0	0	0	0	0
<i>Mahonia repens</i> (odostemon)	Oregongrape	Mre	0	0	0	0	0	0	0	0
<i>Opuntia fragilis</i>	Brittle pricklypear	Ofr	0	0	-	-	0	0	0	0
" polyacantha	Plains "	Opo	0	0	-	-	0	0	0	0
<i>Pachistima myrsinites</i>	Myrtle pachistima	Pmy	0	10	0	0	0	10	0	10
<i>Penstemon fruticosus</i>	Bush penstemon	Pfr	0	10	-	-	0	10	0	10
<i>Peraphyllum ramosissimum</i>	Squaw-apple	Pra	0	0	0	0	0	0	0	0
<i>Philadelphus lewisii</i>	Lewis mockorange (syringa)	Fle	10	10	-	-	10	10	10	10
<i>Physocarpus malvaceus</i> (opulaster)	Ninebark	Pma	0	10	-	-	0	10	0	10
<i>Picea engelmannii</i>	Engelmann spruce	Pen	0	0	0	0	0	0	0	0
<i>Pinus cembroides</i>	Singleleaf pine	Pce	0	0	0	0	0	0	0	0
" contorta	Lodgepole "	Pct	0	0	0	0	0	0	0	0
" flexilis	Limber "	Pfl	0	0	0	0	0	0	0	0
" ponderosa	Ponderosa "	Ppo	0	0	0	0	0	0	0	0
<i>Populus angustifolia</i>	Narrowleaf cottonwood	Pag	10	10	-	-	10	10	10	10
" trichocarpa	Northern black "	Pti	0	0	0	0	0	0	0	0
" tremuloides	Quaking aspen	Pte	20	40	0	0	20	30	20	30
<i>Potentilla fruticosa</i> (dasiophora)	Bush cinquefoil	Pfu	0	20	0	40	20	40	20	40
<i>Prunus demissa</i> virginiana	Western chokecherry	Pdv	20	30	0	10	20	30	20	30
" emarginata	Bitter cherry	Pea	20	30	0	10	20	30	20	30
<i>Pseudotsuga taxifolia</i>	Douglas fir	Pta	0	0	-	-	0	0	0	0
<i>Purshia tridentata</i>	Antelope bitterbrush	Ptr	40	60	50	60	20	40	40	60







Scientific Name	Common Name	Sym- bol	Spring- Fall		Winter		Summer		Season long	
			C&H	S&G	C&H	S&G	C&H	S&G	C&H	S&G
hamnus spp.	Alder buckthorn	RHA	0	10	-	-	-	-	0	10
hus glabra	Smooth sumac	Rgl	0	10	-	-	0	10	0	10
" trilobata	Skunkbush "	Rtr	0	10	0	0	0	10	0	10
ibes spp.	Currant	RIB	10	20	0	0	10	20	10	20
osa spp.	Rose	ROS	20	40	0	30	20	40	20	40
ubus parviflorus	Western thimbleberry	Rpa	5	20	0	0	0	10	5	20
Salix spp.	Willow	SAL	20	40	10	50	40	40	20	40
Sambucus spp.	Elder	SAM	30	70	-	-	30	70	30	70
Sarcobatus vermiculatus	Blackgreasewood	Sve	0	10	10	10	0	0	5	10
Shepherdia argentea	Silver Buffaloberry	Sag	0	0	-	-	0	0	0	0
" canadensis	Russet	Scn	0	0	-	-	0	0	0	0
Sorbus scopulina	Greenes Mountain ash	Ssc	10	20	0	0	10	40	10	40
Spiraea spp.	Spirea	SPI	0	10	0	0	0	10	0	10
Symphoricarpos spp.	Snowberry	SYM	10	30	0	0	10	30	10	30
Tetradymia spp.	Horsebrush	TET	0	0	0	10	0	0	0	10
Toxicodendron radicans rydbergi	Western poisonivy	Trr	0	0	0	0	0	0	0	0
Vaccinium caespitosum	Dwarf huckleberry	Vco	0	10	-	-	0	10	0	10
" membranaceum	Big "	Vme	0	10	-	-	0	10	0	10
" spp.	Huckleberry	VAC	0	10	0	0	0	10	0	10
Yucca glauca	Small soapweed	Ygl	0	0	0	0	0	0	0	0



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